

Message Text

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ORIGIN INR-10

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ACDA/NP: C VAN DOREN
DOE/IA: N SIEVERING
DOE/ISA:R CHAPMAN

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FM SECSTATE WASHDC
TO AMEMBASSY BRASILIA
AMEMBASSY BUENOS AIRES
AMCONSUL RIO DE JANEIRO
AMCONSUL SAO PAULO

S E C R E T STATE 129822

E.O. 11652: GDS

TAGS: MNUC, OTRA, AR, BX

SUBJECT: TRAVEL OF LAWRENCE LIVERMORE LABORATORY ANALYSTS
TO LATIN AMERICA

SUMMARY:

LAWRENCE LIVERMORE LABORATORY (LLL) HAS REQUESTED DEPT.
ASSISTANCE IN ARRANGING APPOINTMENTS FOR THREE LLL ANALYSTS

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WHO WOULD LIKE TO VISIT ARGENTINA AND BRAZIL IN JULY AND
AUGUST. THE PURPOSE OF THE PROPOSED VISIT IS TO PROVIDE
THE ANALYSTS AN OPPORTUNITY TO MEET WITH EMBASSY EMPLOYEES
FAMILIAR WITH HOST COUNTRY NUCLEAR AND INDUSTRIAL FACILI-
TIES AND, IF POSSIBLE, VISIT LOCAL FACILITIES. PROPOSED
TRIP DATES ARE JULY 15 THROUGH AUGUST 9. DEPT. SOLICITS
POST'S VIEWS ON THIS PROPOSED TRIP BEFORE DECISION IS GIVEN

TO LLL. END SUMMARY.

1. DEPT. OF ENERGY HAS PROPOSED TRAVEL OF THREE LLL SCIENTISTS TO LATIN AMERICA. THEY ARE: DR. KATHLEEN AMIRI, PHD. (SPECIALIST IN WORLD ENERGY PROGRAMS), DR. MURRAY KAVANAGH, PHD. (NUCLEAR PHYSICS), AND DR. ART HUDGINS, PHD, (NUCLEAR PHYSICS). THE PURPOSE OF THE TRIP IS THREEFOLD; (A) TO INTERVIEW EMBASSY PERSONNEL FAMILIAR WITH THE ECONOMIC, POLITICAL, AND TECHNICAL/COMMERCIAL ASPECTS

OF HOST COUNTRY ENERGY PROGRAMS AND POLICY, IN AN ATTEMPT TO GAIN DIRECT INSIGHTS INTO LOCAL INTENTIONS AND CAPABILITIES.

B. TO BRIEF EMBASSY STAFF AND COUNTRY TEAM ON TECHNICAL ASPECTS OF NUCLEARPROLIFERATION. BRIEFING CAN BE UNCLASSIFIED OR, IF DESIRED, THE LLL TEAM CAN DISCUSS SUBJECT ON A CLASSIFIED LEVEL WITH APPROPRIATE MEMBERS OF THE COUNTRY TEAM.

C. WHERE POSSIBLE, TO MEET WITH LOCAL SCIENTISTS AND OFFICIALS AND VISIT LOCAL NUCLEAR AND INDUSTRIAL FACILITIES. THESE MEETINGS AND VISITS ARE INTENDED TO PROVIDE FIRST HAND EXPERIENCE ON THE HOST COUNTRY SCIENTIFIC AND TECHNICAL CAPABILITY. SUCH INFORMATION IS, OF COURSE, ESSENTIAL IN ASSESSING FUTURE CAPABILITIES. A LIST OF
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INSTITUTES THE TEAM WISHES TO VISIT IN EACH COUNTRY IS CONTAINED IN PARA 3-4 BELOW.

2. THE DEPT. UNDERSTANDS THE POSSIBLE SENSITIVITIES INVOLVED IN VISITS OF THIS KIND AND SOLICITS EMBASSY VIEWS ABOUT ADVISABILITY OF TRIP, IN GENERAL, AND ABOUT VISITS TO LOCATIONS OUTSIDE THE EMBASSY, IN PARTICULAR. DEPT. WILL BRIEF TEAM ON POLITICAL SITUATION IN EACH COUNTRY AND ADVISE THEM OF AREAS NOT BE DISCUSSED WITH HOST COUNTRY OFFICIALS. DEPT. RECOGNIZES HOWEVER THAT SUCH TRIPS CAN PROVIDE VALUABLE INFORMATION TO THE LLL ANALYSTS AND THUS STRENGTHEN THEIR CAPABILITY TO PROVIDE TECHNICAL ASSESSMENTS IN SUPPORT OF NON-PROLIFERATION POLICY INITIATIVES. IF SUCCESSFUL, THIS TRIP WOULD BE THE FIRST OF SEVERAL SUCH REGIONAL VISITS TO BE MADE DURING THE COMING YEAR BY LLL EXPERTS TO STUDY ENERGY POLICY AROUND THE WORLD.

3. FOR BRASILIA: TEAM PROPOSES TO ARRIVE JULY 15 AND DEPART JULY 29 FOR BUENOS AIRES. IN ADDITION TO EMBASSY MEETINGS, IF POSSIBLE THEY WOULD LIKE TO VISIT THE FOLLOWING PLACES: CNEN HEADQUARTERS, NUCLEBRAS HEAD-

QUARTERS, THE RADIOACTIVE RESEARCH INSTITUTE (IPR) AT BELO HORIZANTE, THE NUCLEAR ENGINEERING INSTITUTE AT THE FEDERAL UNIVERSITY OF RIO DE JANEIRO, THE SERITIBA RESEARCH CENTER, THE NUCLEAR ENERGY SECTION OF THE INSTITUTO MILITAR DE ENGENHARIA IN RIO DE JANEIRO, THE ATOMIC ENERGY INSTITUTE (IEA) AT THE STATE UNIVERSITY OF SAO PAULO AND THE STATE UNIVERSITY OF CAMPINAS. TEAM ALSO WOULD LIKE TO VISIT ANY INDUSTRIAL ORGANIZATIONS WHICH PLAY A PART IN BRAZILIAN NUCLEAR ENERGY PROGRAM.

4. FOR BUENOS AIRES: TEAM PROPOSES TO ARRIVE JULY 29 AND DEPART AUGUST 9. IN ADDITION TO EMBASSY CNEA HEADQUARTERS, THE ARMED FORCES SCIENTIFIC AND TECHNICAL RESEARCH CENTER (CITEFA) NEAR BUENOS AIRES, THE CON-
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STITUYENTES RESEARCH CENTER, THE EZEIZA ATOMIC RESEARCH CENTER, THE UNIVERSITY OF ROSARIO RESEARCH CENTER, THE UNIVERSITY OF CUYO MENDOSA AND THE BARRILOCHE RESEARCH CENTER. IN ADDITION, TEAM WOULD LIKE TO VISIT ANY INDUSTRIAL ORGANIZATIONS EMBASSY MIGHT SUGGEST WHICH PLAY A PART IN ARGENTINA'S NUCLEAR PROGRAM.

5. IF EMBASSY DECIDES APPROACH TO HOST COUNTRY INSTITUTIONS IS FEASIBLE, POSTS MAY WANT TO USE THE FOLLOWING INFORMATION ABOUT THE VISITORS AND THE PURPOSE OF THEIR TRIP:
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DR. KATHLEEN AMIRI, TRIP LEADER, SPECIALIZES IN STUDIES OF THE ECONOMICS AND TECHNICAL REQUIREMENTS FOR NUCLEAR ENERGY PROGRAMS. DR. MURRAY KAVANAGH IS HEAD OF THE LLL GROUP WHICH EVALUATES FOREIGN ENERGY PROGRAMS AND NEEDS FOR THE DEPT. OF ENERGY. THESE STUDIES ARE USED BY DOE IN MANY WAYS, INCLUDING DETERMINATION OF FUTURE REQUIREMENTS FOR ENRICHMENT CAPACITY. DR. ARTHUR J. HUDGINS SPECIALIZES IN NUCLEAR FUEL CYCLE STUDIES AND STUDIES OF ALTERNATIVE ENERGY PROGRAMS.

THE PURPOSE OF THE VISIT IS TO BECOME FAMILIAR ON A FIRST-HAND BASIS WITH THE CURRENT WORK BEING DONE IN THE HOST COUNTRY ON CONVENTIONAL AND NUCLEAR POWER GENERATION DEVELOPMENT. THE INFORMATION AND UNDERSTANDING GAINED WILL BE USED BY LLL TO PRODUCE A REPORT ON THE HOST COUNTRIES ENERGY PROGRAM AND POLICY. THERE WILL BE A SERIES OF THESE REPORTS DONE ON COUNTRIES AROUND THE WORLD.

THE LLL TEAM IS PREPARED TO DELIVER AN UNCLASSIFIED TECHNICAL TALK ON CURRENT WORK UNDER WAY AT THE LABORATORY IF THE LOCAL INSTITUTIONS WOULD LIKE SUCH A BRIEFING.

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THE TEAM WILL BRING MATERIALS AND REPORTS WHICH ACCOMPANY
THE BRIEFING TO DISTRIBUTE TO LOCAL SCIENTISTS. VANCE

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